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MASRCH (TM)

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Release 2.1D John F. Collins, Biocomputing Research Unit.  
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MPsrch\_pp protein - protein database search, using Smith-Waterman algorithm

Run on: Tue Jan 21 18:53:19 1997; MasPar time 9.31 Seconds  
431.491 Million cell updates/sec  
Tabular output not generated.

Title: >US-08-469-637-2  
Description: (1-390) from US08469637.pep (1 of 2)  
Perfect Score: 2927  
Sequence: 1 MNKLLCCALVFLDISIKWTT.....VPSQLHNVQIVSEVIFRNDR 390

Scoring table: PAM 150  
Gap 11

Searched: 88003 seqs, 10295656 residues

Post-processing: Minimum Match 0%  
Listing first 45 summaries

Database: a-geneseq25  
1:part1 2:part2 3:part3 4:part4 5:part5 6:part6 7:part7  
8:part8 9:part9 10:part10 11:part11 12:part12 13:part13  
14:part14 15:part15 16:part16 17:part17 18:part18

Statistics: Mean 33.868; Variance 136.639; scale 0.248

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result	No.	Score	% Match	Query Length	DB ID	Description	Pred. No.
1	405	13.8	183	15	R77421	BamTP delta53 nerve g	1.35e-28
2	405	13.8	461	2	R11001	40kD TNF inhibitor pr	1.35e-28

3	401	13.7	461	14	R72504	p75 Tumour Necrosis F	3.38e-28
4	398	13.6	461	2	R11141	Human TNF-R deduced f	6.73e-28
5	398	13.6	461	8	R42058	Fibroblast derived TN	6.73e-28
6	398	13.6	485	2	R24016	Fusion protein TNFRFc	6.73e-28
7	390	13.3	518	10	R51003	Sequence of a recombi	4.21e-27
8	375	12.8	474	2	R11142	TNF-R deduced from mT	1.30e-25
9	366	12.5	461	10	R51002	Sequence of human tum	1.02e-24
10	323	11.0	392	2	R11605	Human 75kD TNF-bindin	1.73e-20
11	301	10.3	277	8	R38859	CD40 protein.	2.42e-18
12	269	9.2	326	5	R27866	Myxoma virus T2 prote	2.97e-15
13	269	9.2	326	15	R85072	Myxoma virus T2 prote	2.97e-15
14	260	8.9	325	15	R85071	Shope fibroma virus T	2.16e-14
15	260	8.9	325	5	R27865	Rabbit fibroma virus	2.16e-14
16	240	8.2	355	15	R85073	Cowpox virus T2-equiv	1.72e-12
17	206	7.0	461	2	R07450	Rat Tumour Necrosis F	2.59e-09
18	178	6.1	595	7	R35478	Lymphocyte activation	9.33e-07
19	176	6.0	186	12	R62655	Cowpox virus Pst I/Cl	1.41e-06
20	176	6.0	455	2	R07451	Human Tumour Necrosis	1.41e-06
21	172	5.9	309	13	R70108	TNF-R-GBPH fusion pro	3.23e-06
22	172	5.9	371	2	R07449	Tumour Necrosis Facto	3.23e-06
23	172	5.9	451	13	R70107	TNF-R-GBP 130 fusion	3.23e-06
24	172	5.9	455	14	R75084	p55 TNF-R.	3.23e-06
25	172	5.9	455	4	R20787	TNF-alpha binding pro	3.23e-06
26	172	5.9	455	2	R11082	Human 55kD TNF-bindin	3.23e-06
27	172	5.9	455	8	R42059	Lambda derived TNF-R.	3.23e-06
28	172	5.9	455	4	R24000	TNF-alpha 55kD recept	3.23e-06
29	172	5.9	455	2	R10986	30kD TNF inhibitor pr	3.23e-06
30	172	5.9	547	13	R70104	TNF-R-GBPH fusion pro	3.23e-06
31	172	5.9	900	13	R70103	TNF-R-GBP 130 fusion	3.23e-06
32	172	5.9	1245	13	R70106	TNF-R-Pl. vivax Duffy	3.23e-06
33	172	5.9	1604	13	R70105	TNF-R-EBA 175 fusion	3.23e-06
34	165	5.6	161	5	R27496	Native 30 kD TNF inhi	1.36e-05
35	165	5.6	199	4	R24080	Truncated TNF-alpha 5	1.36e-05
36	165	5.6	433	8	R51032	Mutant p55 tumour nec	1.36e-05
37	165	5.6	443	8	R51033	Mutant p55 tumour nec	1.36e-05
38	165	5.6	455	8	R42197	p55 Tumour necrosis f	1.36e-05
39	165	5.6	455	8	R51034	Mutant p55 tumour nec	1.36e-05
40	164	5.6	455	3	R12550	Type I TNF receptor.	1.66e-05
41	165	5.6	884	13	R70109	TNF-R-GBP 130 fusion	1.36e-05
42	159	5.4	256	13	R70978	4-1BB receptor protei	4.60e-05
43	159	5.4	256	12	R64199	Murine 4-1BB polypept	4.60e-05
44	159	5.4	260	18	R91441	Human CD27 antigen.	4.60e-05
45	159	5.4	260	4	R20814	T lymphocyte-specific	4.60e-05